DECLARATI		Attorney Docket Number	MS0019P	19P								
POWER OF AT FOR UTILITY O		First Named Inventor	Aiyar et al.									
PATENT APPL		CO	DMPLETE IF KNOWN									
(37 CFR 1.		Application Number										
Declaration Submitted	Declaration Submitted after Initial	Filing Date										
with Initial OR Filing	Filing (surcharge (37 CFR 1.16 (e)) required)	Group Art Unit										
	required)	Examiner Name										
As a below named inventor	, I hereby declare that											
My residence, mailing addre	ss, and citizenship are a	as stated below next to my nam	e.									
		•) or an original, first and joint inven ent is sought on the invention entitle									
SPLICE VARIANTS OF HUI DESIGNATED - α282-a AN	2&-2 SUBUNIT											
the specification of which (Title of the Invention)												
	`											
OR is attached hereto												
OR was filed on (MM/DD/	OR was filed on (MM/DD/YYYY) as United States Application Number or PCT International											
Application Number	and w	vas amended on (MM/DD/YYY	YY) (if app	olicable).								
			ied specification, including the clair	ns, as								
as defined in 37 CFR 1.56, in	ncluding for continuation	on-in-part applications, materia	ion known to me to be material to poly information which became availablate of the continuation-in-part application.	le between								
<u> </u>	<u> </u>		of any foreign application(s) for pat									
			ast one country other than the United									
			eign application for patent or inventoration on which priority is claimed.	or's certificate(s),								
Prior Foreign Application Number(s)	Country	Foreign Filing Dat (MM/DD/YYYY)		Priority Claimed? YES NO								
PCT/US04/012045		04/16/2004	PCT MS0019									
Additional foreign applica	ation numbers are listed on	a supplemental priority data sheet	PTO/SB/02B attached hereto.									
I hereby claim the benefit under	35 U.S.C. 119(e) of any U	Inited States provisional application	on(s) listed below.									
Application Num	ber(s)	Filing Date (MM/DD/YYYY)	Attorney Docket N	lumber								
60/463,826	04	/18/2003	MS0019PV									
				·								

[Page 1 of 3]

DECLARATION AND POWER OF ATTORNEY for Utility or Design Patent Application

designating t is not disclos 35 U.S.C. 11	the benefit under the United States of the din the prior Union 2, I acknowledge to which became avapplication.	f America, ited States of the duty to o	listed b or PCT disclos	elow inten e info	and, insenational rmation	ofar a applio know	s the : cation on to n	subject in the ne to b	t matter manner e materi	of each of provided al to pater	the clamby the ntabilit	aims of first pa y as def	this a ragraj ined i	pplication ph of in	n
t	J.S. Parent Application Application N		ent					t Filing DD/YY				Parent Pa (if ap	atent N		
PCT/US04/012	045				04	1/16/2	2004			РСТ	MS00	19			
60/463,826					04	1/18/2	2003			MS00	019PV				
														_	
												-			
Addition	al U.S. or PCT intern	national appl	lication	numb	ers are list	ted on	a sup	plement	tal priorit	y data shee	t PTO/	SB/02B a	attache	ed hereto.	
	eventor, I hereby appostered practitioner(s) rewith:	to prosecute	this ap	plicati ciated	on and to	transa	act all	busines	ss in the U						on, the
	Name		F	Registr					Na	ıme				Registrat	
				Num	рег									Numbe	
Direct all con	Direct all correspondence to: X Customer Number 000210														
Name	Vineet Kohli				_										
Address	Merck & Co., Inc.	- Patent Do	epartm	ent											
Address	P.O. Box 2000, I	RY60-30													
City	Rahway					Sta	ite	NJ		ZIP		07065-0	907		
Country	USA		,	Telep	ohone ((732):	594-3	889		Fax		(732)59	4-472	20	
belief are bel the like so m	lare that all stateme lieved to be true; as ade are punishable ize the validity of t	nd further the by fine or	hat the	se stat	tements on the temporal tempor	were i th, un	made der 18	with th B U.S.C	he know	ledge that	willfu	l false si	tatem	ents and	
Name of Sole o	r First Inventor:						Ap	etition	n has bee	en filed for	r this u	ınsigned	linve	ntor	
	ven Name (first a	ınd middle	e [if an	ıyl)		+			F	amily Na	me or	Surnar	me		
Jayashree . Inventor's				\		A	iyar				Ι	ħ			
Signature	Jay	ashie	^ 7	1) e a	100					Date	13	67.	Zul	4 21	8-05
Residence: City	San Diego		St	tate	CA		Cou	ntry	US		Citiz	enship	us	-	
Mailing Address	Merck & (Co., Inc. P.	.O. Bo	x 2000	0										
City	Rahway					St	tate	NJ	ZIP	07065-0	907	Coun	try	U.S.A.	
X Additional	inventors are being	named on th	ne1	suppl	emental A	Additio	onal In	ventors	s(s) sheet	(s) PTO/SB	3/02A a	ttached h	ereto.		

DECLARATION AND POWER OF ATTORNEY

ADDITIONAL INVENTOR(S) Supplemental Sheet

											-		
Name of Addition	ıal Jo	oint Inventor, if any:				A pe	tition	has bee	en filed f	or this	unsigned	l inve	ntor
Give	n Na	me (first and middle [if	anyl)					Fa	mily Na	ame o	r Surnan	ne	
Charles J.					С	Cohen							•
Inventor's Signature								-	Date				
Residence: City	Pow	vay	State	CA		Count	ry U	S		Citiz	zenship	us	
Mailing Address		Merck & Co., Inc. P.O. I	3ox 2000)									
City		Rahway		Sta	te N	J	ZII	P 0706	5-0907		Country	y U.	S.A.
Name of Addition	ıal J	oint Inventor, if any:		A pe	etition	has bee	en filed f	or this	unsigned	l inve	ntor		
Give	n Na	me (first and middle [if	any])					Fa	mily Na	ame o	r Surnan	ie	
Mark E.					V	Villiams							
Inventor's Signature									Date				
Residence: City	Carl	sbad		Country US Citizenship US							<u> </u>		
Mailing Address		Merck & Co., Inc. P.O. Box 2000											
City		Rahway		State	NJ		ZIP	07065	-0907		Countr	y U	.S.A.
Name of Addition	ıal Jo	oint Inventor, if any:				A pe	tition	has bee	en filed f	or this	unsigned	l inve	ntor
Give	n Na	me (first and middle [if	any])		-			Family Name or Surname					
Inventor's Signature									Date				
Residence: City			State		-	Count	ry		'	Citiz	zenship		
Mailing Address													
City			_		Sta	ite		ZIP			Countr	y	
Name of Addition	ıal J	oint Inventor, if any:				A pe	tition	has bee	en filed f	for this	unsignec	l inve	ntor
Give	n Na	me (first and middle [if	any])					Fa	mily Na	ame o	r Surnan	ne	
Inventor's Signature	Date												
Residence: City			State			Count	ry			Citiz	zenship		
Mailing Address													
City					Sta	ite		ZIP			Cou	ntry	

MS0019P

DECLARATI	ON AND	Attorney Docket Number	MS0019P	0019P									
POWER OF AT FOR UTILITY O		First Named Inventor	Aiyar et al.										
PATENT APPL	ICATION	CO	MPLETE IF KNOWN										
(37 CFR 1.		Application Number											
Declaration Submitted	Declaration Submitted after Initial	Filing Date	iling Date										
with Initial OR Filing	Filing (surcharge (37 CFR 1.16 (e))	Group Art Unit											
	required)	Examiner Name											
As a below named inventor	r, I hereby declare that	:											
My residence, mailing addre	ess, and citizenship are a	s stated below next to my name	€.										
			or an original, first and joint invent is sought on the invention entit										
SPLICE VARIANTS OF HUMAN VOLTAGE-GATED CALCIUM CHANNEL α2δ-2 SUBUNIT DESIGNATED - α2δ2-a AND α2δ2-b													
the specification of which		(Title of the Invention)											
bears the Attorney Docket Number and Title of the Invention noted above													
OR is attached hereto													
OR was filed on (MM/DD/	YYYY)	as United States App	olication Number or PCT Internati	ional									
Application Number		vas amended on (MM/DD/YYY											
I hereby state that I have reviamended by any amendment			ied specification, including the cla	ims, as									
as defined in 37 CFR 1.56, in	ncluding for continuatio	n-in-part applications, material	on known to me to be material to information which became availa ate of the continuation-in-part app	ble between									
			of any foreign application(s) for p										
America, listed below and har	ve also identified below,	, by checking the box, any fore	st one country other than the Unit ign application for patent or inven ation on which priority is claimed.	tor's certificate(s),									
Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)		Priority Claimed?									
PCT/US04/012045	Country	04/16/2004	PCT MS0019	YES NO									
Additional foreign applica	ation numbers are listed on	a supplemental priority data sheet	PTO/SB/02B attached hereto.										
I hereby claim the benefit under	35 U.S.C. 119(e) of any U	Inited States provisional applicatio	n(s) listed below.										
Application Num	ber(s)	Filing Date (MM/DD/YYYY)	Attorney Docket	(if applicable). ling the claims, as naterial to patentability ame available between in-part application. on(s) for patent or inventor's an the United States of nt or inventor's certificate(s), is claimed. Priority Claimed? YES NO									
60/463,826		/18/2003	MS0019PV										

DECLARATION AND POWER OF ATTORNEY for Utility or Design Patent Application

I hereby clair designating t is not disclos 35 U.S.C. 11 37 CFR 1.56 date of this a	he Unite sed in the 2, I ackr which	ed States of a e prior Unite nowledge the became ava	America, list ed States or le duty to dis	ted belov PCT inte close inf	v and, ins rnational ormation	ofar a applio know	s the : cation on to n	subjec in the ne to b	t matter manner be materi	of each of provided al to pate	f the cl by the ntabili	laims of e first pa ty as def	this a ragra ined	pplication ph of in
i		t Application (or PCT Parent mber			<u>"</u>		t Filing DD/YY				Parent Pa	atent N	
PCT/US04/012		••			0.	4/16/2				PCT	MS00	19	_	
60/463,826					0.	4/18/2	2003			MS0	019PV	7		
									-					
													_	
Additiona	al U.S. o	r PCT interna	itional applica	tion numl	pers are lis	ted on	a supp	plemen	tal priorit	y data shee	t PTO/	SB/02B a	attache	ed hereto.
As a named in following region connected the	stered pra	actitioner(s) to		is applica	tion and to	transa	act all	busines	ss in the U					nd revocation, the urk Office
	Nam	e			tration nber				Na	ıme				Registration Number
				Ivai	iibei			<u>.</u>						Number
	-	-				\top		-						
				-										
<u> </u>	-													
Direct all cor	rrespond	ence to: X	Customer	Number	000	0210	0							
Name	Vineet I	Cohli						-						
Address	Merck &	& Co., Inc	Patent Depa	artment										
Address	P.O. Bo	x 2000, R	Y60-30											
City	Rahway					Sta	ite	NJ		ZIP		07065-0	907	
	USA				phone					Fax		(732)59		
I hereby decl belief are bel the like so m may jeopardi	lieved to ade are p	be true; and ounishable b	d further that by fine or im	these sta	atements ent, or bo	were i	made der 18	with th B U.S.	he know	ledge that	willfu	ıl false sı	tatem	ents and
Name of Sole o	r First l	inventor:					Ap	etition	n has bee	en filed fo	r this ເ	unsigned	linve	ntor
	ven Nar	me (first ar	nd middle [if any])					F	amily Na	me o	r Surnaı	me	
Jayashree Inventor's			-	 		Α	iyar							
Signature										Date				
Residence: City	San I	Diego		State	CA		Cou	ntry	US		Citiz	enship	US	
Mailing Address		Merck & Co	o., Inc. P.O.	Box 200	00									
City		Rahway				St	tate	NJ	ZIP	07065-0	907	Coun	try	U.S.A.
X Additional	inventor	s are being n	amed on the_	1 supp	lemental A	Additio	onal In	ventors	s(s) sheet	(s) PTO/SB	/02A a	ttached h	ereto.	

DECLARATION AND POWER OF ATTORNEY

ADDITIONAL INVENTOR(S) Supplemental Sheet

Name of Addition	e of Additional Joint Inventor, if any:						A petition has been filed for this unsigned inventor							
Give	n Na	me (first and middle [if	any])			Family Name or Surname								
Charles J.						Cohen		-						
Inventor's Signature		Charles J. C	è hen	~					Date	7	une d	Σ,	2005	
Residence: City	Pow	yay /	State	CA		Count	ry L	JS		Citiz	zenship	JS		
Mailing Address		Merck & Co., Inc. P.O. I	3ox 200	0										
City		Rahway		St	tate N	NJ ZIP 07065-0907 Country U.S.A.							S.A.	
Name of Addition	Additional Joint Inventor, if any:						titior	has bee	n filed f	or this	unsigned	inve	ntor	
Give	n Na	me (first and middle [if	any])					Fa	mily Na	ame o	r Surnam	e		
Mark E.	rk E.													
Inventor's Signature							Date							
Residence: City	Carl	sbad		Count	ry U	JS		Citizenship US						
Mailing Address		Merck & Co., Inc. P.O. I	3ox 200	0										
City		Rahway		Stat	te NJ		ZIP	07065-	0907		Country	U.	S.A.	
Name of Addition	al J	oint Inventor, if any:				A pe	titior	has bee	en filed f	or this	unsigned	inve	ntor	
Give	n Na	me (first and middle [if	any])					Fa	mily Na	ime o	r Surnam	e		
Inventor's Signature						Date								
Residence: City			State			Count	ry			Citiz	zenship			
Mailing Address						1	•				,			
City					St	ate		ZIP			Country			
Name of Addition	al J	oint Inventor, if any:				A pe	tition	has bee	n filed f	or this	unsigned	inve	ntor	
Give	n Na	me (first and middle [if	any])					Fa	mily Na	ıme o	r Surnam	е		
Inventor's Signature					•			Date						
Residence: City				Count	ry			Citiz	zenship					
Mailing Address														
City					St	ate		ZIP			Coun	try		

DECLARATI		Attorney Docket Number	MS0019P	0019P									
POWER OF AT FOR UTILITY O		First Named Inventor	Aiyar et al.										
PATENT APPL		CO	MPLETE IF KNOWN										
(37 CFR 1.		Application Number											
Declaration Submitted	Declaration Submitted after Initial	Filing Date											
with Initial OR Filing	Filing (surcharge (37 CFR 1.16 (e))	Group Art Unit											
	required)	Examiner Name											
	-												
As a below named inventor	, I hereby declare tha	it:											
My residence, mailing addre	ss, and citizenship are	as stated below next to my name	e.										
			or an original, first and joint invent is sought on the invention enti										
SPLICE VARIANTS OF HUI DESIGNATED - α282-a AN		TED CALCIUM CHANNEL α2	28-2 SUBUNIT										
the specification of which		(Title of the Invention)											
													
OR is attached hereto													
OR was filed on (MM/DD/	~~~~ [os United States An	plication Number or PCT Interna	tional									
Application Number		was amended on (MM/DD/YY)		applicable).									
	iewed and understand t	the contents of the above identif	ied specification, including the cl	• •									
as defined in 37 CFR 1.56, in	ncluding for continuati	on-in-part applications, materia	ion known to me to be material to I information which became avail late of the continuation-in-part ap	able between									
			of any foreign application(s) for past one country other than the Uni										
America, listed below and har	ve also identified belov	w, by checking the box, any fore	ign application for patent or inve ation on which priority is claimed	ntor's certificate(s),									
Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	e Attorney Docket Number	Priority Claimed? YES NO									
PCT/US04/012045		04/16/2004	PCT MS0019										
	-												
Additional foreign applica	ation numbers are listed or	n a supplemental priority data sheet	PTO/SB/02B attached hereto.										
I hereby claim the benefit under	35 U.S.C. 119(e) of any	United States provisional application	on(s) listed below.										
Application Num	her(s)	Filing Date (MM/DD/YYYY)	Attouncy Dealer	ney Docket Number									
60/463,826		4/18/2003	MS0019PV	((vuinoti									

DECLARATION AND POWER OF ATTORNEY for Utility or Design Patent Application

designating to is not disclosed 35 U.S.C. 11 37 CFR 1.56 date of this a	• •	America, liste led States or Pone duty to disc hilable between	ed below PCT inter close info	w and, insorrational formation	ofar a applio know	as the sication wn to n	subject in the me to b	t matter of manner oe materia	of each of provided ial to pater	f the classified the first	laims of e first pa ity as def	f this a aragrap fined i	application aph of in
	U.S. Parent Application of Application Number						t Filing I /DD/YYY				Parent Pa	Patent N applicable	
PCT/US04/012				04	4/16/2				PCT	MS00		-	
60/463,826			-	04	4/18/2	2003			MS0	019PV	,		
												-	
	nal U.S. or PCT interna						<u> </u>		<u> </u>				
	X		s applicat associated	tion and to d with the ((s) named b	transa	act all t mer Nu	busines	ss in the U				radema	ark Office
Name Registration Name Registration Number Number													
			-		\top								
					\top								
					\top				-				
Direct all co	Direct all correspondence to: X Customer Number 000210												
Name	Vineet Kohli												
Address	Merck & Co., Inc	Patent Depar	tment								·		
Address	P.O. Box 2000, RY	Y60-30											
City	Rahway				Sta	ıte	NJ		ZIP		07065-0)907	
	USA			<u> </u>		594-38			Fax	[(732)59		
belief are bel the like so m	clare that all statement elieved to be true; and made are punishable be lize the validity of the	d further that t by fine or imp	these sta orisonme	atements v ent, or bot	were r	made v	with th 8 U.S.C	he knowl	ledge that	t willful	ıl false sı	stateme	ents and
	or First Inventor:					Ap	etition		en filed for				ntor
	iven Name (first an	ıd middle [if	any])		-			Fa	amily Na	me or	Surna	me	
Jayashree Inventor's					A	Aiyar				Γ			
Signature						т			Date	<u> </u>			
Residence: City	San Diego		State	CA		Cou	ntry	JS ————		Citiz	enship	us	
Mailing Address	Merck & Co	o., Inc. P.O. I	3ox 200	10									
City	Rahway				St	tate	NJ	ZIP	07065-09	907	Coun	itry	U.S.A.
X Additional	l inventors are being na	amed on the	supp	lemental A	Additic	onal In	ventors	(s) sheet(s) PTO/SB	/02A a	ttached h	nereto.	

DECLARATION AND POWER OF ATTORNEY

ADDITIONAL INVENTOR(S) Supplemental Sheet

Name of Addition	al J	oint Inventor, if any:			A petition has been filed for this unsigned inventor									
Give	n Na	me (first and middle [if	any])				Family Name or Surname							
Charles J.						C	ohen							
Inventor's Signature									-	Date				
Residence: City	Pow	ay	State	CA			Countr	y	JS		Citiz	enship	US	
Mailing Address		Merck & Co., Inc. P.O. E	3ox 200	0										
City		Rahway			State	NJ	J	ZI	P 0706	55-0907		Countr	y U	J.S.A.
Name of Addition	al J	oint Inventor, if any:			A per	itior				unsigne		entor		
Give	n Na	me (first and middle [if	any])			_			F	mily N	ame o	r Surnar	ne	
Mark E.						W	/illiams							
Inventor's Signature	4	Mark & Will						Date	4	124/0	S			
Residence: City	Carl	sbad			Countr	y	JS	Citizenship US						
Mailing Address		Merck & Co., Inc. P.O. E	3ox 200	0	<u> </u>		٠							
City		Rahway		Si	tate	NJ		ZIP	07065	-0907		Countr	y	J.S.A.
Name of Addition	al J	oint Inventor, if any:] A per	itio	n has be	en filed f	or this	unsigne	d inv	entor
Give	n Na	me (first and middle [if	any])			-	<u>.</u>		F	amily Na	ame o	r Surnar	ne	
Inventor's Signature						!			-	Date				
Residence: City			State				Countr	y			Citiz	enship		
Mailing Address														
City						Sta	te		ZIP			Countr	у	
		oint Inventor, if any:					A per	itio				unsigne		entor
Give	n Na	me (first and middle [if	any])			\bot			F	amily Na	ame o	r Surnar	ne	
Inventor's Signature										Date				
Residence: City			State				Countr	y			Citiz	enship		
Mailing Address							·							
City						Sta	te		ZIP		-	Cou	ntry	,